

S15 8	0	Hideaki.in. and 455/550.1.ccls.	USPAT	OR	OFF	2004/07/12 16:01
S15 9	188907	(impedance matching) and (Circuit or switch)	USPAT	OR	OFF	2004/07/12 16:01
S16 0	402	Hideaki.in. and ((impedance matching) and (Circuit or switch))	USPAT	OR	OFF	2004/07/12 16:57
S16 1	3	(Hideaki.in. and ((impedance matching) and (Circuit or switch))) and Yasuhito.in.	USPAT	OR	OFF	2004/07/12 16:02
S16 2	0	"6670924".URPN.	USPAT	OR	OFF	2004/07/12 16:04
S16 3	6	("6137446" "6198442" "6211830" "6326924" "6342859" "6388626").PN.	USPAT	OR	OFF	2004/07/12 16:05
S16 4	5	("5335366" "5874920" "5986608" "6285327" "6295462").PN.	USPAT	OR	OFF	2004/07/12 16:08
S16 5	6	("6137446" "6198442" "6211830" "6326924" "6342859" "6388626").PN.	USPAT	OR	OFF	2004/07/12 16:47
S16 6	81	(Hideaki.in. and ((impedance matching) and (Circuit or switch))) and (flip or fold\$3)	USPAT	OR	OFF	2004/07/12 16:50
S16 7	82	(Hideaki.in. and ((impedance matching) and (Circuit or switch))) and (portable or radio or phone or wireless or cellular or mobile)	USPAT	OR	OFF	2004/07/12 16:58
S16 8	71170	Hideaki.in.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/12/30 14:17
S16 9	34	S168 and ((portable or mobile or wireless or radiotelephone) same (flip or fold\$3 or pivot\$3))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/12/30 14:18
S17 0	5	("6137445" "6198441" "6211830" "6326924" "6388626").PN. OR ("6768464").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/12/30 14:28
S17 1	4478	343/702,822,829,841,846,872.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/01/11 15:24
S17 2	3228	455/90.1-90.3,550.1,575.1,575.3, 575.4,575.5,575.7,575.8.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/12/30 14:45
S17 3	263	S171 and S172	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/12/30 14:45
S17 4	0	S173 and (resonater\$1)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/12/30 14:45

S17 5	37	S173 and (resonat\$3)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/12/30 14:52
S17 6	64	("0676332" "1837678" "2966679" "2993204" "3573840" "4012744" "4121218" "4137534" "4161737" "4169267" "4229743" "4356492" "4571595" "4723305" "4742359" "4860020" "4868576" "5020093" "5204687" "5216436" "5241322" "5298910" "5311201" "5317325" "5353036" "5363114" "5386203" "5436633" "5438339" "5446469" "5451974" "5467096" "5471221" "5479178" "5532703" "5546094" "5548827" "5550820" "5594457" "5612704" "5635943" "5661496" "5754143" "5917450" "6225958" "6278864").PN. OR ("6343208"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/12/30 14:51
S17 7	15	S176 and (resonat\$3)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/12/30 15:06
S17 8	5248	((open\$3 adj clos\$3) near (detect\$3))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/12/30 15:09
S17 9	6	((open\$3 adj clos\$3) near (detect\$3)) same resonat\$3	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/12/30 15:13
S18 0	4	S178 and ((mobile or portable or fold\$3 or pivot\$3 or wireless or radiotelephone or phone) same (dipole near antenna))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/12/30 15:17
S18 1	100	Kozakai.in.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/12/30 15:17
S18 2	5317	S178 and14	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/12/30 15:17
S18 3	1	S178 and S181	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/12/30 15:17
S18 4	2	S181 and dipole near antenna	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/12/30 15:22
S18 5	1	"5542106".pn.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/12/30 15:22

S186	30	("5542106").URPN.	USPAT	OR	OFF	2004/12/30 15:23
S187	0	S186 and ((resonat\$3) same (open\$3 near clos\$3))	USPAT	OR	OFF	2004/12/30 15:24
S188	7	S186 and (open\$3 near clos\$3)	USPAT	OR	OFF	2004/12/30 15:29
S189	8	("4992799" "5337061" "5542106" "5561437" "5608413" "5752204").PN. OR ("6327485").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/12/30 15:29
S190	3	S189 and (open\$3 near clos\$3)	USPAT	OR	OFF	2004/12/30 15:31
S191	1	"5561436".pn.	USPAT	OR	OFF	2004/12/30 16:02
S192	4	((resonator\$1) near (dipole adj antenna))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/12/30 16:05
S193	32	((resonator\$1) with (dipole adj antenna))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/12/30 16:05
S194	1	"6751446".pn.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/01/11 10:37
S195	5	("6104808" "6314183" "6356538" "6359984" "6434371").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/11 10:39
S196	3	S195 and (open same close)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/11 11:03
S197	1	"6442400".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/11 11:04
S198	1	S197 and resona\$5	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/11 11:29
S199	83	Nec.as. and Tamura.in.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/11 11:29
S200	10	S199 and (flip or fold\$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/11 11:36
S201	2	("5809433" "5969688").pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/11 11:36
S202	4497	343/702,822,829,841,846,872.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/01/11 15:25

S20 3	68	S202 AND (resonator\$1 near antenna)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/01/11 15:42
S20 4	2539	343/700,702.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/01/12 09:53
S20 5	2539	343/702.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/01/11 15:41
S20 6	49	S204 AND (resonator\$1 near antenna)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/01/11 15:42
S20 7	1	("6545642").URPN.	USPAT	OR	OFF	2005/01/11 16:39
S20 8	369	S204 and (dipole adj antenna)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/01/11 17:17
S20 9	35	S208 and (flip or pivotal and fold\$4)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/01/11 17:18
S21 0	5	("6137445" "6198441" "6211830" "6326924" "6388626").PN. OR ("6768464"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/11 17:26
S21 1	7	S204 and ((dipole adj antenna) with (resonator))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/11 17:27
S21 2	0	("6653978").URPN.	USPAT	OR	OFF	2005/01/11 17:31
S21 3	13	("5696517" "5764198" "5818398" "5867126" "5909198" "5926139" "5986609" "5999146" "6028554" "6054956" "6064351" "6326919" "6353443").PN. OR ("6653978"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/11 17:31
S21 4	16	("5014346" "5170173" "5451965" "5542106" "5572223" "5809433" "5995052" "6011519" "6198943" "6266538" "6300910" "6307511" "6327485").PN. OR ("6600450"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/11 17:42
S21 5	22	("5508709").URPN.	USPAT	OR	OFF	2005/01/11 17:46
S21 6	2539	343/700,702.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/01/12 09:53

S21 7	1	S216 and ((dipole adj antenna) and (resonator) and (return adj loss))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/01/12 09:55
S21 8	28	S216 and ((resonator) and (return adj loss))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/01/12 09:55
S21 9	19	("1783025" "2648771" "4490727" "4924238" "5134419" "5412392" "5438339" "5446469" "5479178" "5661495" "5734352" "5859617").PN. OR ("6163300").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/12 10:03
S22 0	1	"20040203570"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/12 11:24